Subject: Re: Has anyone used stippling in contour plot ?
Posted by Jim Pendleton on Sat, 16 Aug 2014 00:46:04 GMT
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On Friday, August 15, 2014 6:35:48 PM UTC-6, Jim P wrote:
> On Tuesday, August 5, 2014 6:53:11 AM UTC-6, siumt...@gmail.com wrote:
>
>> How can one contour plot with stippling where it shows statistically significant of the trends (e.g temperature trends, zonal wind speed trends etc).
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>> I have the follow 2D array which is filled with zeros and ones
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>
>>   nx = 144
>
>>
>
>>   ny = 73
>
>>
>
>>   lon = findgen(144)*2.5
>
>>
>
>>   lat = findgen(73)*2.5-90
>
>>
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>>
>
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>

>> Array=fltarr(nx,ny)
>
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>
>> Array(0:20, 20:50)=1 ,anywhere else is zeros
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>
>> First I have contoured the actual trend values. I want to display where the trends are statistically significant with stippling.
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>> Any suggestion ?
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>
> you might look into the IDLgrPattern object and the C_FILL_PATTERN keyword to the CONTOUR() function or IDLgrContour if you're using Object Graphics.

There is also a handy routine for generating degrees of stippling in lib\utilities\stipple_pattern.pro.

The output from this function can be used as input to the PATTERN property of an IDLgrPattern object.